

DERWENT-ACC-NO: 1997-349544

DERWENT-WEEK: 199732

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TITLE: Apparatus for production of complex profile
articles made of composite material - has shape forming
hinged elements whose hinges are formed by layer of
hermetic fabric

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PATENT-ASSIGNEE: KAZAN AVIATION INST[KZAV]

PRIORITY-DATA: 1990SU-4784126 (January 18, 1990)

PATENT-FAMILY:

PUB-NO	MAIN-IPC	PUB-DATE	LANGUAGE
SU <u>1706148</u> 003	A1 B29C 059/00	November 27, 1996	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
SU 1706148A1 January 18, 1990	N/A	1990SU-4784126

INT-CL (IPC): B29C059/00, B29D009/00 , B29K105:08 , B29L009:00

ABSTRACTED-PUB-NO: SU 1706148A

BASIC-ABSTRACT:

The apparatus has a shape forming surface formed by a number of hinged elements (1) and a device to change the position of these elements in space. The shape forming elements hinges are formed by a layer of hermetic fabric (3), connected to the lower surface of the elements. The device to change the elements position is made as hermetic sleeves (4) connected to the working medium supply

system under pressure and are located on the fabric layer in the protrusions zone.

USE - For production of corrugated constructions from composite material.

ADVANTAGE - The technological possibilities are increased.

CHOSEN-DRAWING: Dwg.1,3/3

TITLE-TERMS: APPARATUS PRODUCE COMPLEX PROFILE ARTICLE MADE COMPOSITE MATERIAL

SHAPE FORMING HINGE ELEMENT HINGE FORMING LAYER HERMETIC FABRIC

DERWENT-CLASS: A32

CPI-CODES: A11-B08;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; P0000 ; S9999 S1161*R S1070

Polymer Index [1.2]

018 ; ND01 ; Q9999 Q7932 Q7885 ; J9999 J2904

Polymer Index [2.1]

018 ; P0000

Polymer Index [2.2]

018 ; ND05 ; J9999 J2948 J2915 ; J9999 J2904 ; K9949 ; N9999

N6122

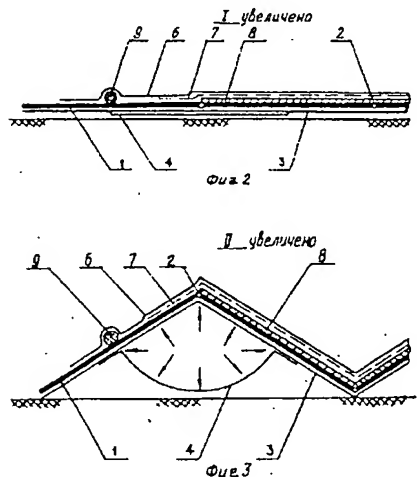
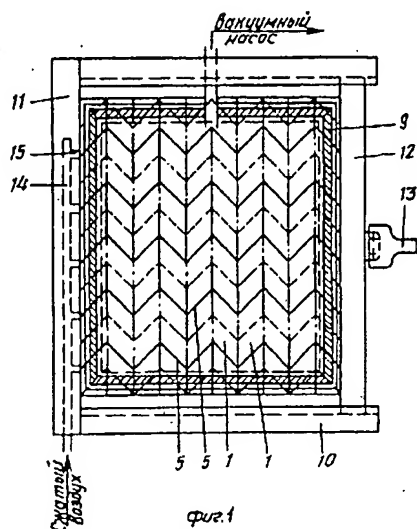
N6097 ; N9999 N7192 N7023 ; K9676*R ; K9483*R ; Q9999 Q7818*R ;
K9405 ; N9999 N6600 ; K9416

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1997-112812

тов в пространстве, отличающиеся тем, что, с целью расширения технологических возможностей и повышения качества формы, шарниры формообразующих элементов образованы слоем герметичной ткани, приклеенной на нижнюю поверхность этих элементов,

а средства изменения их положения выполнены в виде герметичных рукавов, соединенных с системой подачи рабочей среды под давлением и расположенных на слое ткани в зоне выступов.



Заказ 4/12. Подписное
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113834. ГСП, Москва, Раушская наб., 4/5

121873, Москва, Бережковская наб., 24 стр. 2.
Производственное предприятие «Патент»